

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 1    | "5303058".pn. and frequenc\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:38 |
| L2    | 0    | "5303058".pn. and window\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:38 |
| L3    | 1    | "5303058".pn. and even   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:38 |
| L4    | 0    | "5303058".pn. and odd  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:39 |
| L5    | 0    | ((("2D") or (two adj2 dimensional) adj2 transform\$5) same (dct and ((discrete adj2 sine adj2 transform) near3 odd)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:42 |
| L6    | 0    | ((even near3 dct) and ((discrete adj2 sine adj2 transform) near3 odd))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:41 |
| L7    | 77   | ((("2D") or (two adj2 dimensional) adj2 transform\$5) and ((even and odd) adj2 transform\$5)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:43 |
| L8    | 0    | ((("2D") or (two adj2 dimensional) adj2 transform\$5) near3 ((even and odd) adj2 transform\$5)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:42 |
| L9    | 72   | 7 and quanti\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/29 11:45 |



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| L10 | 2  | 9 and (orthogonal near3 complex)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 11:46 |
| L11 | 17 | 9 and ((combin\$3 or add\$3 or<br>accumulat\$3 ) near3 transform\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 11:53 |
| L12 | 1  | quanti\$6 near3 (mean adj2<br>spectral adj2 density)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 11:54 |
| L13 | 14 | quanti\$6 and (mean adj2 spectral<br>adj2 density)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 11:59 |
| L14 | 1  | quanti\$6 adj2 (mean adj2 spectral<br>adj2 density)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 11:54 |
| L15 | 3  | quanti\$6 same (mean adj2<br>spectral adj2 density)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:05 |
| L16 | 1  | 13 and (inverse adj2 quanti\$6)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:01 |
| L17 | 0  | "382".ccls. and ((magnitude and<br>phase) adj2 matrix)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:02 |
| L18 | 1  | 370/203.ccls. and ((magnitude<br>and phase) adj2 matrix)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:02 |
| L19 | 0  | 375/242.ccls. and ((magnitude<br>and phase) adj2 matrix)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:02 |



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| L20 | 1     | quanti\$6 near3 ((magnitude and phase) adj2 matrix)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:03 |
| L21 | 2     | quanti\$6 and ((magnitude and phase) adj2 matrix)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:04 |
| L22 | 37309 | quanti\$6 near3 weight\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:04 |
| L23 | 1     | 22 and (mean adj2 spectral adj2 density)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 12:06 |
| S1  | 0     | "06288506".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:25 |
| S2  | 6     | "288506".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:26 |
| S3  | 2     | atlas-les-e.in. vinton-mark-s.in. and ((msd) or (mean adj2 spectral adj2 density))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:43 |
| S4  | 1     | (atlas-les-e.in. vinton-mark-s.in.) and ((msd) or (mean adj2 spectral adj2 density)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:27 |
| S5  | 2     | 375/242.ccls. and ((msd) or (mean adj2 spectral adj2 density))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:34 |
| S6  | 0     | S5 and (two adj2 dimensional adj2 transform)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:34 |



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| S7  | 10  | 370/203-429.ccls. and (two adj2 dimensional adj2 transform)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:43 |
| S8  | 3   | S7 and (transform\$3 near3 matrix)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:35 |
| S9  | 2   | S8 and quanti\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:35 |
| S10 | 170 | quanti\$6 same ((msd) or (mean adj2 spectral adj2 density))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:43 |
| S11 | 1   | S10 and (two adj2 dimensional adj2 transform)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:44 |
| S12 | 13  | quanti\$6 near3 ((msd) or (mean adj2 spectral adj2 density))                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:43 |
| S13 | 1   | S12 and (two adj2 dimensional adj2 transform)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:44 |
| S14 | 293 | quanti\$6 same (two adj2 dimensional adj2 transform)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:53 |
| S15 | 73  | S14 and (select\$3 near3 coefficient\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:12 |
| S16 | 52  | S15 and (data adj2 (packet\$1 or frame\$1 or block\$1 or slot\$1 or interval\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:46 |



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| S17 | 14    | S16 and (transform\$3 near3 matrix)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:53 |
| S18 | 1     | S17 and (frequency near3 dimension)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:47 |
| S19 | 61    | quanti\$6 near3 (two adj2 dimensional adj2 transform) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:53 |
| S20 | 11    | S19 and (transform\$3 near3 matrix)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:27 |
| S21 | 23055 | 20and (select\$3 near3 coefficient\$1)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:54 |
| S22 | 8     | S20 and (select\$3 near3 coefficient\$1)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:24 |
| S23 | 2     | "6198830".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 16:57 |
| S24 | 20621 | "5416854".pn. (select\$3 near3 coefficient\$1)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:12 |
| S25 | 1     | "5416854".pn. and (select\$3 near3 coefficient\$1)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:12 |
| S26 | 652   | quanti\$6 near3 (select\$3 near3 coefficient\$1)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 18:00 |



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| S27 | 265 | S26 and ((two adj2 dimensional) or ("2"adj2 "d") adj2 transform)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:24 |
| S28 | 104 | S27 and order near3 coefficient\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:25 |
| S29 | 104 | S27 and (order near3 coefficient\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:26 |
| S30 | 19  | S29 and (fill\$3 with data)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:26 |
| S31 | 1   | S30 and (transform\$3 adj2 matrix)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:27 |
| S32 | 23  | S27 and (transform\$3 adj2 matrix)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:29 |
| S33 | 2   | S32 and (relevant near3 coefficient\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 18:01 |
| S34 | 0   | (msd or (mean adj2 spectral adj2 density)) same (quanti\$6 near3 (select\$3 near3 coefficient\$1)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:52 |
| S35 | 31  | (msd or (mean adj2 spectral adj2 density)) same (("2D") or (two adj2 dimensional adj2 transform))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:53 |
| S36 | 31  | (msd or (mean adj2 spectral adj2 density)) same (("2D") or (two adj2 dimensional) adj2 transform)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:54 |



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| S37 | 1   | ((mean adj2 spectral adj2 density)) same ("2D") or (two adj2 dimensional) adj2 transform) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:57 |
| S38 | 3   | quanti\$6 same ((mean adj2 spectral adj2 density))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 17:57 |
| S39 | 540 | quanti\$6 near3 (order\$3 near3 coefficient\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 18:00 |
| S40 | 8   | S39 and (relevant near3 coefficient\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/26 18:01 |
| S41 | 294 | encod\$3 same (quanti\$6 and (((("2D") or (two adj2 dimensional)) adj2 transform\$6))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 08:48 |
| S42 | 167 | S41 and (data with coefficient\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 08:49 |
| S43 | 0   | S42 and ((transform adj2 matrix) with (frequency adj2 modulat\$3))                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 08:50 |
| S44 | 24  | S42 and ((transform adj2 matrix))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 08:52 |
| S45 | 10  | S44 and ((relevan\$2 or significant or germane or pertinent) near3 coefficient\$1)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:19 |
| S46 | 0   | ("5303058".pn. "5416854".pn.) and (weight\$3 near3 quanti\$6)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:20 |



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| S47 | 0 | ("5831977".pn.) and (weight\$3<br>near3 quanti\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:21 |
| S48 | 0 | ("5832128".pn.) and (weight\$3<br>near3 quanti\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:21 |
| S49 | 0 | (358/261.1.ccls.) and (weight\$3<br>near3 quanti\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:21 |
| S50 | 6 | (375/242.ccls.) and (weight\$3<br>near3 quanti\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:23 |
| S51 | 1 | (mean adj2 spectral adj2 density)<br>and (weight\$3 near3 quanti\$6)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:23 |
| S52 | 1 | ((2D) or (two adj2 dimensional))<br>adj2 transform\$3) near3 ((phase<br>and magnitude) adj2 matrix) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/29 10:40 |